WAGAN® TECH

Elite Pure Sine

DC To AC Power Inverters

Convert 12V DC electricity into clean household-like power.

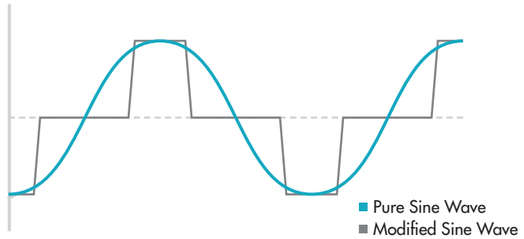
Elite™ Pure Sine Inverters

Inverters convert 12V DC power into 120V AC power, similar to the power supplied from your home electrical outlets. Wagan's Elite™ Pure Sine Power Inverters deliver AC power that is identical to your home (commercial) electrical power—in true sine wave form.

Compared to the traditional inverters which output in modified sine wave, AC power in pure sine wave is more similar to commercial power. The electronic appliances run cleaner, cooler, and quieter when running on pure sine power. As a result, pure sine inverters save energy costs and extend the life of appliances.

The pure sine inverter also reduces electronic interference, and is perfect for operating sensitive audio/video equipment and medical devices. Appliances with dimmers, speed controls, and certain battery chargers may require pure sine power to operate.

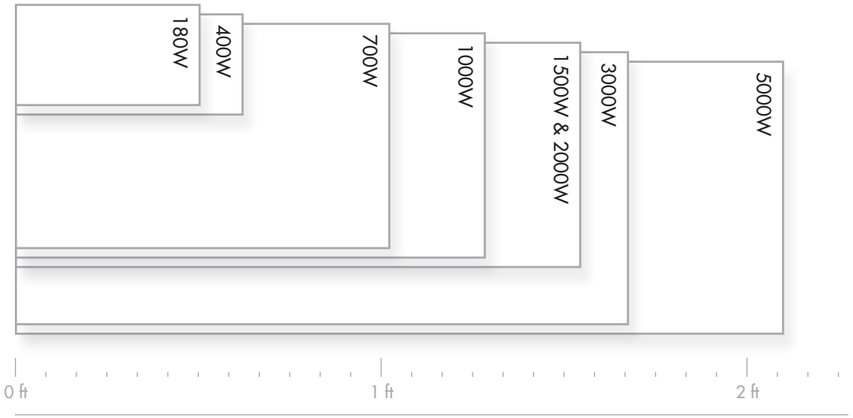
Wagan's Elite Pure Sine Inverters are especially designed to increase the efficiency and running time of electronic appliances and motors. Wagan Elite Inverters operate at less than 3–5% of Total Harmonic Distortion (THD) on average and 90% efficiency across the line. All of the Wagan Elite Pure Sine products are covered under a 2 year limited warranty.



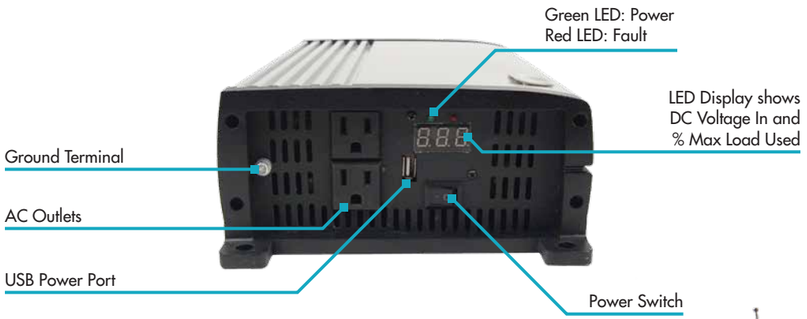
Modified Sine Wave

Pure Sine Wave
(images simulated)

Size Comparison (20% scale)



Unit Features



Wireless Remote
100 ft. range

Cables

Note: Not all features appear on all units.

At Home with Solar Power

Electrical Blackouts

Travel & Outdoors

Construction

Wattage	Item No.
180W	2200
400W	2201
700W	2202
1,000W	2203
1,500W	2204
2,000W	2205
3,000W	2206
5,000W	2207

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Wagan Tech Elite Pure Sine Inverters

The key element for the sustainable lifestyle of the new millennium.

- *Whether generating energy from the sun, wind or alternators, Wagan Tech Elite Pure Sine Inverters help convert DC energy into commercial AC power. The pure sine AC power enables the appliances to run at optimal efficiency.*

"Sustainable lifestyle of the new millennium"

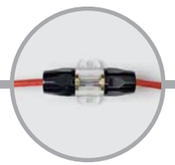
WAGAN — Your partner in the sustainable energy lifestyle!

Clean solar power from the sun reaches your home.

Solar panels installed on the roof of a house collect energy and it is transmitted to 12V DC cables.

A Solar Power Controller for precision charge control prevents over or under-charging. (Wagan Item no. 2510, sold separately)

A 12V DC battery bank array stores the power until needed.



Fuse(s) are added for extra protection.

- *With a simple DC plug or pair of clamp cables (included), Pure Sine Inverters can turn the battery of your vehicle into an AC power source for all your electronic appliances.*

The Elite Pure Sine Inverter transforms 12V DC power into 120V AC power, usable for delicate electronics and appliances.

- *Enhance your boating experience with Pure Sine Inverters—enjoy flat screen TVs and other sensitive digital and audio equipment while you're on board.*

Wagan Tech Elite Inverters are an essential part for any renewable energy solution. A wireless remote control is included with models 1,000 Watt and up for convenient operation in hard mounted setups.

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Elite™ Pure Sine Inverters

For Use in Your Car

Wagan Tech Elite Inverters are indispensable for recharging your laptop computers, cell phones and other electronics equipment while traveling. Designed to be efficient, the pure sine technology allows appliances to recharge faster. They are perfect for recharging devices on the go and for people with mobile lifestyles.

The 180W and 400W units connect directly into your vehicle's cigarette lighter socket with the included adapters, letting you simply plug them in for use from inside your vehicle cabin.

Cell Phones

MP3 Players

Video Games

Laptop PCs

Cameras

180W

Item No: 2200
Peak: 360W
AC Outlets: 1
USB Power Port
Cigarette Plug

400W

Item No: 2201
Peak: 800W
AC Outlets: 1
USB Power Port
Cigarette Plug
Alligator Clamps

For Emergencies & Outdoors

700W

Item No: 2202
Peak: 1,400W
AC Outlets: 1
USB Power Port

Televisions

Desktop PCs

Refrigerators

1000W

Item No: 2203
Peak: 2,000W
AC Outlets: 2
USB Power Port
LED Display
Wireless Remote

Microwaves

Medical Devices

To keep you safe and secure in case of emergencies, Wagan Tech Elite Inverters are the perfect tool to help power your essential appliances. Paired with your power supply or batteries, Wagan Inverters will supply your house with commercial power to keep you prepared during power outages. The Wagan Tech Elite Inverter is reliable in powering up the electronics you need, when you need them the most.

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Elite™ Pure Sine Inverters

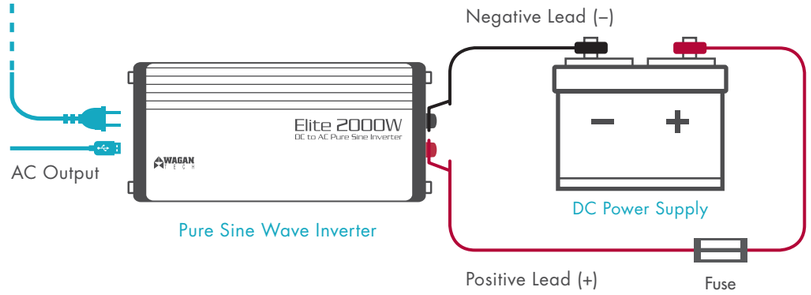
High Wattages for Home Use

The higher wattage models of Wagan Tech Elite Inverters are ideally suited for providing clean and quiet high wattage power for home use. Since the pure sine AC output is identical to commercial power, off-Grid homes don't need to give up the convenience of TV, digital sound, microwaves and other comforts of home. Most users in remote locations use sustainable energy sources like solar or wind power. Wagan Tech's Elite inverters are a perfect solution for the renewable energy market.

Wiring Connection Setup

1. Connect the power source to your power cables.
2. Connect the cables to the inverter input leads.
3. Plug the desired appliance to the inverter's AC plug.
4. Turn on the power source if needed, then the inverter and the appliance plugged into it.

Note: Please read Instruction Manual for detailed instructions, warnings, and fuse recommendations before use.



2000W

Item No: 2205
Peak: 4,000W
AC Outlets: 2
LED Display
Wireless Remote

3000W

Item No: 2206
Peak: 6,000W
AC Outlets: 4
H/O Terminal
LED Display
Wireless Remote

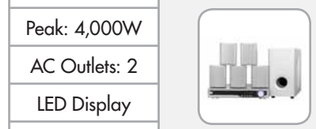
1500W

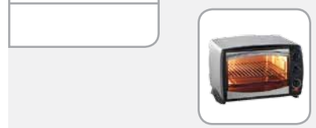
Item No: 2204
Peak: 3,000W
AC Outlets: 2
USB Power Port
LED Display
Wireless Remote

5000W

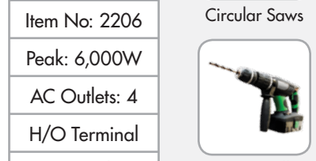
Item No: 2207
Peak: 10,000W
AC Outlets: 4
H/O Terminal
LED Display
Wireless Remote

Televisions


Home Theaters


Toasters

Circular Saws


Power Drills

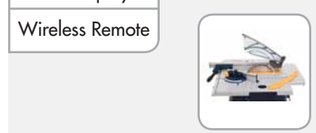
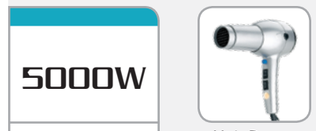
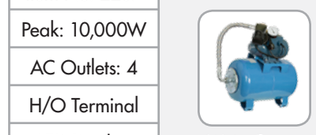


Table Saws


Hair Dryers


Water Pumps

Space Heaters

Air Conditioners

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Elite™ Pure Sine Inverters

Shared Specifications

Input Voltage	12V DC
Output Voltage	120V AC
Frequency	60Hz
Efficiency	90% (85% for 1,000 W)
USB Voltage, Amps	5V, 0.5A
Working Temperature	14° F to 104° F (–10° C to 40° C)
Output Waveform	Pure Sine Wave
LED Status Indicators	Green: On Red: Fault
Reverse Polarity Protection	Fuse Protection
Power Switch	DC On/Off Control
Short Circuit Protection	Yes
Low Battery Alarm	10.5V ± 0.3V
Low Battery Shutdown	9.5V ± 0.3V
High Voltage Protection	15.5V ± 0.5V
Thermal Cooling	Internal Fan(s)
Thermal Protection	Automatic Shutdown

24 Hours Continuous Power (Watts)	180	400	700	1000	1500	2000	3000	5000
Item no.	2200	2201	2202	2203	2204	2205	2206	2207
Overload Protection	180–200W	400–450W	700–800W	1,000–1,100W	1,500–1,600W	2,000–2,200W	3,000–3,200W	5,000–5,100W
Peak Surge	360W	800W	1,400W	2,000W	3,000W	4,000W	6,000W	10,000W
AC Output Sockets	1	1	1	2	2	2	4	4
USB Power Port	•	•	•	•	•	–	–	–
Length	6.3 in (16.1 cm)	7.8 in (19.7 cm)	12.6 in (32 cm)	15.7 in (40 cm)	17.0 in (43.2 cm)	18.9 in (48 cm)	20.5 in (52 cm)	25.6 in (65 cm)
Width	3.6 in (9.1 cm)	3.6 in (9.1 cm)	7.7 in (19.5 cm)	7.7 in (19.5 cm)	7.5 in (19.2 cm)	7.7 in (19.5 cm)	9.3 in (23.5 cm)	9.3 in (23.5 cm)
Height	1.9 in (4.8 cm)	1.9 in (4.8 cm)	3.6 in (9.1 cm)	3.6 in (9.1 cm)	3.4 in (8.7 cm)	3.6 in (9.1 cm)	5.3 in (13.5 cm)	5.3 in (13.5 cm)
Weight (Approximate)	1.5 lbs (0.7 kg)	2.9 lbs (1.3 kg)	6.6 lbs (3 kg)	11.7 lbs (5.3 kg)	18.8 lbs (8.5 kg)	18.8 lbs (8.5 kg)	26.5 lbs (12 kg)	55.1 lbs (25 kg)
No Load Draw (Switch On)	< 0.5A	< 0.5A	< 0.8A	< 1.0A	< 1.25A	< 1.5A	< 3.0A	< 3.5A
Total Harmonic Distortion	< 3%	< 3%	< 3%	< 3%	< 3%	< 5%	< 5%	< 5%
LED Display	–	–	•	•	•	•	•	•
High Output (H/O) Terminals	–	–	–	–	–	–	•	•
Wireless Remote Control	–	–	–	•	•	•	•	•
Ground Terminal	–	–	•	•	•	•	•	•
Mounting Holes	–	–	•	•	•	•	•	•
Included Cable Gauge	15 AWG	10 AWG	7 AWG	7 AWG	5 AWG	5 AWG	3 AWG	3 AWG
Included Cables (31.5 in/80 cm length)	Cigarette Plug	Cigarette Plug, Alligator Clamps	Ring Terminal	Ring Terminal	Ring Terminal	Ring Terminal	Ring Term. (× 2)	Ring Term. (× 4)

Actual product may vary slightly in appearance. Specifications are subject to change. Appliances, solar cells, batteries, additional cables, and other accessories are sold separately.

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